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SEQUENCE LISTING

<110> Wolosker, Herman
5 Takashashi, Maasaki
Mothet, Jean-Pierre
Ferris, Christopher
Snyder, Solomon

10 <120> Mammalian Serine Protease

<130> 01107.82348

15 <160> 10

<170> FastSEQ for Windows Version 3.0

20 <210> 1
<211> 1018
<212> DNA
<213> Mus musculus

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aatcttttct tcaaatgtga gctcttccag aaaactgggt cttttaagat tcgaggtgcc 180
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30 cctgcttaca ttgtgggtcc ccaaacagct cccaactgca agaaactggc aatccaagcc 360
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agaattatgc aagaaacaga aggcattctg gtccatccca accaggagcc tgcagtgata 480
gctggacaag gaacaattgc cctggaagtg ctgaaccagg ttcccttggt agatgcactg 540
gtggtaccag taggaggagg aggaatggtt gctggaatag ccattacaat taaggccctg 600

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40 gtctctccag aagtaaagaa cgtctgcatt gtactcagtg gggggaatgt agacctaacc 960

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tccctgaact ggggtggggca ggctgaacgg ccagctcctt accagacggg ctgttttaa 1018

 <210> 2
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 5 <212> DNA
 <213> Homo sapiens

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 20 caggatcttt taagattcgt ggtgctctca atgccgtcag aagcttggtt cctgatgctt 240
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 ggaaatggtg ggaattcagt gtctttagat actgaagaca ttttgtttcc tagtattgtc 420
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30 <210> 6
 <211> 27
 <212> PRT
 <213> Rat rattus

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 <212> PRT
 <213> Rat rattus

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<400> 7

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<210> 8

<211> 339

<212> PRT

10 <213> Mus musculus

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 35 40 45
 Phe Gln Lys Thr Gly Ser Phe Lys Ile Arg Gly Ala Leu Asn Ala Ile
 20 50 55 60
 Arg Gly Leu Ile Pro Asp Thr Pro Glu Glu Lys Pro Lys Ala Val Val
 65 70 75 80
 Thr His Ser Ser Gly Asn His Gly Gln Ala Leu Thr Tyr Ala Ala Lys
 85 90 95
 25 Leu Glu Gly Ile Pro Ala Tyr Ile Val Val Pro Gln Thr Ala Pro Asn
 100 105 110
 Cys Lys Lys Leu Ala Ile Gln Ala Tyr Gly Ala Ser Ile Val Tyr Cys
 115 120 125
 Asp Pro Ser Asp Glu Ser Arg Glu Lys Val Thr Gln Arg Ile Met Gln
 30 130 135 140
 Glu Thr Glu Gly Ile Leu Val His Pro Asn Gln Glu Pro Ala Val Ile
 145 150 155 160
 Ala Gly Gln Gly Thr Ile Ala Leu Glu Val Leu Asn Gln Val Pro Leu
 165 170 175
 35 Val Asp Ala Leu Val Val Pro Val Gly Gly Gly Gly Met Val Ala Gly
 180 185 190
 Ile Ala Ile Thr Ile Lys Ala Leu Lys Pro Ser Val Lys Val Tyr Ala
 195 200 205
 Ala Glu Pro Ser Asn Ala Asp Asp Cys Tyr Gln Ser Lys Leu Lys Gly
 40 210 215 220

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Glu Leu Thr Pro Asn Leu His Pro Pro Glu Thr Ile Ala Asp Gly Val
 225 230 235 240
 Lys Ser Ser Ile Gly Leu Asn Thr Trp Pro Ile Ile Arg Asp Leu Val
 245 250 255
 5 Asp Asp Val Phe Thr Val Thr Glu Asp Glu Ile Lys Tyr Ala Thr Gln
 260 265 270
 Leu Val Trp Gly Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val
 275 280 285
 Ala Leu Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu
 10 290 295 300
 Val Lys Asn Val Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr
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 Ser Leu Asn Trp Val Gly Gln Ala Glu Arg Pro Ala Pro Tyr Gln Thr
 325 330 335
 15 Val Ser Val

<210> 9
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 20 <212> DNA
 <213> Homo sapiens

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 cctgcttata ttgtgggtgcc ccagacagct ccagactgta aaaaacttgc aatacaagcc 360
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 gtggtacctg taggtggagg aggaatgctt gctggaatag caattacagt taaggctctg 600
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 gtttccccag aagtaaagaa ctttgtatt gtgctcagtg gtggaaatgt agacttaacc 960
 40 tcctccataa cttgggtgaa gcaggctgaa aggccagctt cttatcagtc tgtttctggt 1020

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taa

1023

<210> 10
 <211> 340
 5 <212> PRT
 <213> Homo sapiens

<400> 10

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				20					25						30	
	Ile	Leu	Asn	Gln	Leu	Thr	Gly	Arg	Asn	Leu	Phe	Phe	Lys	Cys	Glu	Leu
			35					40						45		
15	Phe	Gln	Lys	Thr	Gly	Ser	Phe	Lys	Ile	Arg	Gly	Ala	Leu	Asn	Ala	Val
		50					55					60				
	Arg	Ser	Leu	Val	Pro	Asp	Ala	Leu	Glu	Arg	Lys	Pro	Lys	Ala	Val	Val
	65					70				75					80	
	Thr	His	Ser	Ser	Gly	Asn	His	Gly	Gln	Ala	Leu	Thr	Tyr	Ala	Ala	Lys
20				85					90						95	
	Leu	Glu	Gly	Ile	Pro	Ala	Tyr	Ile	Val	Val	Pro	Gln	Thr	Ala	Pro	Asp
				100					105					110		
	Cys	Lys	Lys	Leu	Ala	Ile	Gln	Ala	Tyr	Gly	Ala	Ser	Ile	Val	Tyr	Cys
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		130					135					140				
	Glu	Thr	Glu	Gly	Ile	Met	Val	His	Pro	Asn	Gln	Glu	Pro	Ala	Val	Ile
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	Ala	Gly	Gln	Gly	Thr	Ile	Ala	Leu	Glu	Val	Leu	Asn	Gln	Val	Pro	Leu
30				165					170						175	
	Val	Asp	Ala	Leu	Val	Val	Pro	Val	Gly	Gly	Gly	Gly	Met	Leu	Ala	Gly
				180					185					190		
	Ile	Ala	Ile	Thr	Val	Lys	Ala	Leu	Lys	Pro	Ser	Val	Lys	Val	Tyr	Ala
		195					200						205			
35	Ala	Glu	Pro	Ser	Asn	Ala	Asp	Asp	Cys	Tyr	Gln	Ser	Lys	Leu	Lys	Gly
		210					215						220			
	Lys	Leu	Met	Pro	Asn	Leu	Tyr	Pro	Pro	Glu	Thr	Ile	Ala	Asp	Gly	Val
	225					230					235				240	
	Lys	Ser	Ser	Ile	Gly	Leu	Asn	Thr	Trp	Pro	Ile	Ile	Arg	Asp	Leu	Val
40				245					250						255	

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Asp Asp Ile Phe Thr Val Thr Glu Asp Glu Ile Lys Cys Ala Thr Gln
260 265 270
Leu Val Trp Glu Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val
275 280 285
5 Gly Val Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu
290 295 300
Val Lys Asn Ile Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr
305 310 315 320
Ser Ser Ile Thr Trp Val Lys Gln Ala Glu Arg Pro Ala Ser Tyr Gln
10 325 330 335
Ser Val Ser Val
340